

24. The antibody fragment of claim 19 which is a fragment of a polyclonal antibody.

25. The antibody of claim 19 which comprises a detectable label.

26. The antibody of claim 25 wherein the detectable label is a radioisotope, affinity label, enzymatic label, fluorescent label or paramagnetic moiety.

27. A method of detecting the presence of a CD39L4 polypeptide having the amino acid sequence of SEQ ID NO: 6 or a fragment thereof in a cell, tissue or fluid sample comprising contacting said cell, tissue or fluid sample with an antibody or fragment of claim 19 under conditions which permit the formation of an antibody/polypeptide complex and detecting the presence of an antibody/polypeptide complex, wherein the presence of the antibody/polypeptide complex indicates the presence of a CD39L4 polypeptide.

28. A kit comprising (a) the antibody or antibody fragment of claim 19 and (b) a polypeptide having the amino acid sequence of SEQ ID NO: 6 or an immunologically reactive fragment of said polypeptide.

29. A kit comprising (a) the antibody or antibody fragment of claim 19 and (b) a wash reagent or a reagent capable of detecting the presence of a bound antibody.